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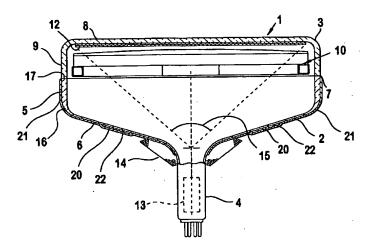
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(54) Title: LIGHTWEIGHT HIGH DEFLECTION ANGLE CATHODE RAY TUBE AND METHOD OF MAKING THE SAME



(57) Abstract: A cathode ray tube has an envelope (2) including a panel (3) and a neck (4) connected by a funnel (5). The funnel comprises a main body portion (16) having a seal edge (17) and a neck. The main body portion has at least one region with a higher tensile stress than other regions of the main body portion. An exterior surface of the main body portion has first and second protective coatings (20, 21). The first protective coating (20) covers at least a portion of the at least one region. The first protective coating is of a composition and thickness such that the first protective coating substantially reduces the susceptibility of the at least one region from incurring mechanical damage. The second protective coating (21) covers at least a portion of the first protective coating and is of a composition and thickness such that the second protective coating protects the funnel from moisture contact.

# WO 2005/096339 A1



 before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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